## Abstract of the disclosure:

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The invention is a monitoring system which is particularly useful for monitoring food located at a food serving or storage location. In a preferred embodiment, the system includes a sensing subsystem comprising at least one sensing device in communication with a transmitter and a processing subsystem which may be provided by a personal computer in communication with a receiver. Sensing devices of the sensing subsystem may include several probe sensing devices adapted for easy cleaning which are hard-wired to a central transmitter adapted to transmit data from each of several probe sensing devices. The processing subsystem, meanwhile, may be adapted to encrypt received data while storing data into memory to the end that data stored in memory is substantially impervious to data tampering.